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Applicant : Vincent P. Stanton, Jr.

Art Unit : 1656

Serial No. : 09/767,892

Examiner : T. Strzelecka

Filed : January 22, 2001

Title : IDENTIFICATION OF GENETIC COMPONENTS OF DRUG RESPONSE

Commissioner for Patents

Washington, D.C. 20231

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PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the claims:

Cancel claims 15 and 16.

Add new claims 17-23 as follows.

--17. A method for identifying a drug response phenotype that varies among cell lines as a consequence of genetic variation in a candidate gene, the method comprising:

a) analyzing a plurality of cell lines derived from unrelated individuals to determine the genotype of the candidate gene in each cell line in the plurality of cell lines;

b) determining the drug response phenotype of each cell line in the plurality of cell lines; and

c) identifying the drug response phenotype as a drug response phenotype that varies among cell lines as a consequence of genetic variation in the candidate gene if the drug response phenotype correlates with the genotype of the candidate gene.

18. The method of claim 17 wherein the plurality of cell lines comprises at least 20 cell lines.

19. The method of claim 17 wherein the drug response phenotype is measured in the presence of the drug.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL.

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

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